## INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2003/002484

A. CLASSIFICATION OF SUBJECT MATTER	A. CLASSIFICATION OF SUBJECT MATTER	
IPC7 F16H 63/30		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC7 F16H 5/44, 59/08,61/28,63/20,63/30, B60K 17/02,20/16,20/20		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
KR, JP:Classes as above		
Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category* Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X US 4873881(Stephon A.Edelen)17.OCTOBER .1989	1	
See the entire document.	2	
A JP 2001-289316A( HINO MOTORS LTD) 19.OCTOBER. 2001  See the entire document.	1	
Y See the shale desament	2	
A KR 1999-85209A (Park .Sung II) 6. DECEMBER.1999	1-2	
See the entire document.		
A JP 6-323434( EATON CORPORATION) 25.NOVEMBER.1994	1-2	
A JP 6-323434( EATON CORPORATION) 25.NOVEMBER. 1994 See the entire document.		
Y KR 1999-81255A(Park .Sung II) 15.NOVEMBER.1999	2	
See the entire document.		
Further documents are listed in the continuation of Box C. See patent family annex.		
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Date of the actual completion of the international search  Date of mailing of the international search re	eport	
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